Attorney Docket No: 56804 (46342)

Serial No. 10/019,455 Filed: December 28, 2001

Supplemental Amendment and Response to Final Office Action dated September 10, 2003

Page 2 of 5

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-24 (cancelled)

- 25. (currently amended) An isolated polypeptide comprising the amino acid sequence represented by SEQ ID NO:24;[;] or its amide or ester; or a salt thereof.
- 26. (currently amended) The polypeptide, its amide or ester, or a salt thereof, according to claim 25, which [has] consists of the amino acid sequence represented by SEQ ID NO:6.
- 27. (previously amended) An isolated polypeptide or its amide or ester, or a salt thereof, which comprises the amino acid sequence represented by SEQ ID NO:26.
- 28. (currently amended) The polypeptide or its amide or ester, or a salt thereof, according to claim 27, which [has] consists of the amino acid sequence represented by SEQ ID NO:12.
- 29. (previously amended) An isolated polypeptide or its amide or ester, or a salt thereof, which comprises the amino acid sequence represented by SEQ ID NO:49.
- 30. (currently amended) The polypeptide or its amide or ester, or a salt thereof, according to claim 29, which [has] consists of the amino acid sequence represented by SEQ ID NO:47.
- 31. (previously amended) An isolated nucleic acid comprising a nucleic acid sequence encoding the polypeptide comprising the amino acid sequence represented by SEQ ID NO:6, 12, 24, 26, 47 or 49.
- 32. (previously amended) The isolated nucleic acid according to claim 31, wherein the

Attorney Docket No: 56804 (46342)

Serial No. 10/019,455

Filed: December 28, 2001

Supplemental Amendment and Response to Final Office Action dated September 10, 2003

Page 3 of 5

nucleic acid sequence is represented by SEQ ID NO:23.

- 33. (previously amended) The isolated nucleic acid according to claim 31, wherein the nucleic acid sequence is represented by SEQ ID NO:4.
- 34. (previously amended) The isolated nucleic acid according to claim 31, wherein the nucleic acid sequence is represented by SEQ ID NO:25.
- 35. (previously amended) The isolated nucleic acid according to claim 31, wherein the nucleic acid sequence is the represented by SEQ ID NO:10.
- 36. (previously amended) The isolated nucleic acid according to claim 31, wherein the nucleic acid sequence is represented by SEO ID NO:48.
- 37. (previously amended) The isolated nucleic acid according to claim 31, wherein the sequence is represented by SEQ ID NO:46.
- 38. (currently amended) A [pharmaceutical] composition comprising the polypeptide, its amide or ester, or a salt thereof, which comprises the amino acid sequence represented by SEQ ID NO:6, 12, 24, 26, 47 or 49 and a pharmaceutical carrier.

Claims 39-40 (canceled).

- 41. (previously added) An isolated polypeptide wherein the polypeptide comprises an amino acid sequence selected from the group consisting of SEQ ID NO. 6, 12, 24, 26, 47 and 49.
- 42. (previously added) A recombinant vector comprising the DNA according to claim 31.
- 43. (previously added) A transformant transformed with the recombinant vector according to claim 42.

Attorney Docket No: 56804 (46342)

Serial No. 10/019,455 Filed: December 28, 2001

Supplemental Amendment and Response to Final Office Action dated September 10, 2003

Page 4 of 5

44. (currently amended) A method for manufacturing the polypeptide or its amide or ester, or a salt thereof comprising the amino acid sequence represented by SEQ ID NO:6, 12, 24, 26, 47 or 49, [,] which comprises culturing a transformant transformed with the recombinant vector comprising a DNA having a nucleic acid sequence encoding the polypeptide, and producing the polypeptide.

- 45. (currently amended) A reagent for screening a compound or its salt that promotes or inhibits the activity of the polypeptide comprising the amino acid sequence represented by SEQ ID NO:6, 12, 24, 26, 47 or 49, wherein the reagent [which] comprises the polypeptide, its amide or ester, or a salt thereof[5].
- 46. (currently amended) A kit for screening a compound or its salt that promotes or inhibits the activity of the polypeptide comprising the amino acid sequence represented by SEQ ID NO:6,12,24,26,47 or 49, wherein the kit [which] comprises the polypeptide, its amide or ester, or a salt thereof.